

Top Ten Highest Historical Crests: Lehigh River at Bethlehem

Latitude: 40.615

Period of Record: 1902-Present

Longitude: -75.379

Flood Stage: 16

Last Flood: 3/11/2011

Total Number of Floods: 15

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
5/23/1942	25.90	92,000	Periods of heavy rain fell on May 20-23; as much as 5 to 7 inches of rain fell over some of the flood area on May 22
2/28/1902	24.90	88,000	A series of snowstorms followed by heavy rains caused flooding on the Lehigh and Delaware Rivers as well as the most destructive flood on the Susquehanna in the Wyoming Valley since 1865.
8/19/1955	23.38	91,300	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
6/23/1972	20.02	57,900	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
9/18/2004	19.70	56,700	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
8/24/1933	18.70	64,800	A strong Category 1 storm, the Chesapeake-Potomac Hurricane brought more than 10 inches of rain to Maryland, Delaware and Southern New Jersey. Other locations throughout the Mid-Atlantic measured more than 4 inches of rain.
7/10/1935	18.53	63,700	10 inches of rain fell at Cortland, NY in 48 hours.
6/28/2006	17.74	49,000	A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James.
3/11/2011	17.17	46,800	Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches.

Drainage Area: 1279 sq mi

Gage Datum: 210.94 ft MSL

Lehigh Basin

County of Gage: Lehigh

County of Forecast Point: Lehigh

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
1/25/1979	17.12	51,700	A significant low pressure system produced 2 to 4 inches of rain throughout New Jersey, Eastern Pennsylvania and Virginia.

Drainage Area: 1279 sq mi
Gage Datum: 210.94 ft MSL

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Lehigh Basin

County of Gage: Lehigh
County of Forecast Point: Lehigh